**YEAR 11 BIOLOGY**

**UNIT 1: UNITY AND DIVERSITY**

**AREA OF STUDY 1: CELLS IN ACTION**

**20/8/12 WEEK 5**

**KEY IDEAS**

* The environment of cells
* Cell membranes – structure and function
* Surface area to volume ratio

**LESSON 1:**

* Quick review test
* C/T types of membranes
* Structure of Membranes – Fluid Mosaic Model

**LESSON 2:**

* Function Of Membranes
* Exchange with the Environment
  + Size of cells
  + Surface Area to Volume Ratio
  + Biozone p79/80
* Prelab Q for prac for h/w

**LESSON 3**

* Prac: Surface Area to Volume Ratio – Nelson Biol. activity manual p33
* Ext. Activities Nelson p 38 Q 3,4,5

**LESSON 4:**

* Review SA:Vol ratio prac
* Start movement across membranes
* Prelab Q for prac next week